

3/12/2018

Print

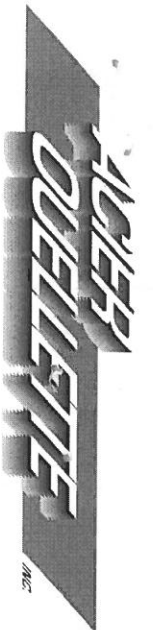


Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	To
PO039156	ACI001-VC	7	1	Net 30	MT-4140QT-R2.375	MT-4140 QT-R2.375 : MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT				12	3/12/2018	22		S050183	Stock	3/12/2018	\$ 46.67 / ft	0		\$1.00
Total:										12		22								\$800

Plex 3/12/2018 11:49 AM Dart.Dubois.Pascal



# ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## DELIVERY - CLIENT

Copy CO00076665

### Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page 1

Credit Terme

Net 30 Days  
OUELLETTE VALLEYFIELD

Salesman

Processed by

Josianne Bourdon

Delivery date

2018/03/12

Your order N°

039156

Customer N°

CL10001056

Date

2018/03/02

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ROUND 4140 HEAT TREAT 2 3/8 NS R4140-238H 10172  1 X 20' R/L HEAT: 75067555 AC14011-JG-08/03	301.20	20.00	PL_\$CLB		1 X 22'		22' DAS 11 9-89				MAR 12 2018

Total Weight (lbs) : 301.20

NIR : R-109516-6

### Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions. Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Total (\$CAD)

Customer's Signature

Date



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039156**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO039156

**PO Date:** 3/1/18

**Due Date:** 3/7/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
Phone: clavoie@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quote no: sou0088895, sou0088998

REVISED

E-MAILED  
MAR 02 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

## **Items**

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	MT-HRS-P-0.500		Hot Rolled Steel Plate 0.500" (44W) receive sf	Firmed	3/7/18	32 sf	0 sf	32 sf	\$13.167187/sf	\$421.35
Line Item Note note: please cut sheet in two										
2	M6061T6B0.500X00.500		6061T6 Bar 0.500 X 0.500 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/7/18	12 ft	0 ft	12 ft	\$0.8575/ft	\$10.29
3	MT-4140-B-2.250X8.000		AISI 4140 Steel Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC  NOTE: cut material in 12" length	Firmed	3/16/18	6 ft	0 ft	6 ft	\$153.73166/ft	\$922.39

3/2/2018

## PURCHASE ORDER

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	MT-4140-B-0.500x3.500		4140 Steel Bar 0.500 X 3.500 : AISI 4140 STEEL BAR PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MINIMUM ROCKWELL C = 28 RC MAXIMUM ROCKWELL C = 32 RC receive ft	Firmed	3/7/18	6 ft	0 ft	6 ft	\$27.50/ft	\$165.00
5	MT-HRS-P-0.250		Hot Rolled Steel Plate 0.250" (44W) : Hot Rolled Steel Plate 0.250" thick	Firmed	3/7/18	32 ft	0 ft	32 ft	\$6.33188/ft	\$202.62
Line Item Note note: please cut sheet in two										
6	MT-4140QT-R1.750		AISI 4140 Quenched & Tempered Steel Round Bar 1.750" Dia. : AISI 4140 Q&T Round Bar : MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT	Firmed	3/7/18	12 ft	0 ft	12 ft	\$18.07666/ft	\$216.92
7	MT-4140QT-R2.375		MT-4140 QT-R2.375 : MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT	Firmed	3/7/18	12 ft	0 ft	12 ft	\$46.6666/ft	\$560.00
8	M4140N-R0.750		4140 Steel Round Bar 0.750" receive ft	Firmed	3/7/18	12 ft	0 ft	12 ft	\$2.4925/ft	\$29.91
9	M6061T6S2.250X13.500		6061-T6 Sheet 2.250" Thick x 13.500" Wide : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209	Firmed	3/7/18	6 ft	0 ft	6 ft	\$171.315/ft	\$1,027.89

Grand Total: \$3,556.37

## Order Notes

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**Order Notes**

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents  
  
A048 counterfeit parts avoidance, detection, mitigation and disposition program  
  
A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 3/2/18 8:40 AM dart.lavoie.chantal

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Po, 14011

Page 01 of 02

Certification Date  
8-MAR-2018

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T376973

AC00014011  
PART NUMBER/NUMÉRO DE PIÈCE

**SOLD TO:** ACIER OUELLETTE INC. **SHIP TO:** ACIER OUELLETTE INC.  
**VENDU À:** DIVISION SALABERRY DE VALLEYFIELD **EXPÉDIE À:** DIVISION SALABERRY DE VALLEYFIELD  
935, BOUL. DU HAVRE 935, BOUL. DU HAVRE  
SALABERRY-DE- VALLEYFIELD QC J6S 5L1 SALABERRY-DE- VALLEYFIE QC J6S

Description: 4140/4142 HR HT BAR STRESS FREE 269/321 BHN  
2-3/8" OD X 20' R/L Line Total: 332 LB  
HEAT: 75067555 ITEM: 506436

Specifications:  
ASTM A193 GR B7 17 ASTM A434 GR BC 17 ASME SA193 GR B7  
ASTM A322 13 ASTM A29 16 ASTM A962 SEC 5 14  
JDM AO QL2 7/96

## CHEMICAL ANALYSIS

C	MN	P	S	SI	NI	CR	MO
0.41	0.91	0.0090	0.032	0.25	0.13	0.90	0.18
CU	SN	AL	V	CA	NB	H	
0.22	0.012	0.025	0.003	0.0005	0.002	0.0001	
C	MN	P	S	SI	NI	CR	MO
0.41	0.91	0.0090	0.032	0.25	0.13	0.90	0.18
CU	SN	AL	V	CA	NB	H	
0.22	0.012	0.025	0.003	0.0005	0.002	0.0001	

RCPT: R276220

COUNTRY OF ORIGIN : FOREIGN

## MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	KSI	KSI	IN 02 IN	IN AREA	BHN
	124.0	139.0	19.0	60.0	285

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport n'a pas été en contact avec le mercure pendant sa possession.

JOANNE DESPES  
*Joanne Despres*

MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date  
8-MAR-2018

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T376973

AC00014011

PART NUMBER/NUMÉRO DE PIÈCE

<b>SOLD TO:</b>	ACIER OUELLETTE INC.	<b>SHIP TO:</b>	ACIER OUELLETTE INC.
<b>VENDU À:</b>	DIVISION SALABERRY DE VALLEYFIELD	<b>EXPÉDIÉ À:</b>	DIVISION SALABERRY DE VALLEYFIELD
	935, BOUL. DU HAVRE		935, BOUL. DU HAVRE
	SALABERRY-DE- VALLEYFIELD QC J6S 5L1		SALABERRY-DE- VALLEYFIE QC J6S

Description: 4140/4142 HR HT BAR STRESS FREE 269/321 BHN  
2-3/8 RD X 20' R/L Line Total: 332 LB

HEAT: 75067555 ITEM: 506436

END-QUENCH HARDENABILITY (JOMINY - RC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	57	57	57	57	57	56	55	54	52	51	50	49	48	47
16	18	20	22	24	26	28	30	32						
46	45	45	45	43	41	40	40	38						

GRAIN SIZE :5 - 8

STRAND CAST REDUCTION RATIO 15.2 TO 1 VACUUM DEGASSED  
MATERIAL IS FREE FROM MERCURY CONTAMINATION  
NO WELD REPAIR PERFORMED ON MATERIAL  
THERMAL TREATMENT: OK  
AUSTENIZE 1650F 2.50  
WATER QUENCH 100F 1.00  
TEMPER 1400F 2.50  
MACRO: OK  
MICRO1: OK

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

*Joanne Despres*

MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140QT-R2.375

PO / BATCH NO.: 039156/5050183

DATE: MAR 12 2018

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 22'  
 QUANTITY INSPECTED: 22'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.375  
 THICKNESS RECEIVED: 2.375  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	Astm A29
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 75067535
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-8</u> <u>MAR 12 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 ROUND BAR  
MINIMUM ROCKWELL C = 20 Rc  
MAXIMUM ROCKWELL C = 38 Rc

SPECIFICATION: ASTM A29, AMS 6349, AMS 6382, AMS 6529

PART NUMBER: MT-4140-R-ID.DDD]  
WHERE "D.DDD" = DIAMETER IN INCHES  
EX. 4" ROUND BAR = MT-4140-R-4.000

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	17-790	17-12-13	VM	ML

<b>DART</b> AEROSPACE Newbury, Ontario, Canada	
TITLE AISI 4140 ROUND BAR	
PART NO.	REV
MT-4140-R	A
TOOL NO.	
DESIGNED BY: VM 17/12/13	
DRAWN BY: VM 12/13/2017	
CHECKED BY: ML 12/19/2017	
MFG REVIEW BY: DP 12/20/2017	
APPROVED BY: ML 12/20/2017	
SCALE: NTS	
SHEET 1 OF 1	
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